

June 13, 2017 – Superintendent’s Report

ADMIN UPDATE

On June 6, 2017 USB President Hall, Jason Fenwick and I met with the IFA/SRF along with representatives from Umbaugh & Associates, Utility Counsel Jim Gutting and City Corporate Counsel David Johnson in order to perform the final review of the SRF documents and affix signatures as required on the various documents. All the documents were in order and the closing is slated to occur on June 20th as planned.

I would also like to take this opportunity to point out that the City reduced interest costs by approximately \$1,294,100 over the 20-year life of the bond issue by placing the bonds with the DWSRF. This number was based on an assumed market interest rate scale (Baa for 5/30/17), which is actually better than our present bond rating. Had we even been able to sell the bonds with our present rating, we would have paid probably 5% or more. These are significant cost savings.

Wessler & Associates has prepared certified bid tabulations for the Richardt WTP and Sumac Water Main projects, which are included in tonight’s packet for the Board. In addition, all the required post-bid documentation has been submitted to the SRF per requirements. The engineers have reviewed the bid packages and their findings are that the bid packages are complete and we anticipate making recommendations as to awarding of the projects at the June 27th meeting.

Upcoming project activities will include the awarding of the contract as mentioned above, review, approval and execution of contracts with the selected contractors, issuing Purchase Orders, and conducting Pre-Construction Conferences with prime and sub-contractors, LU staff and our engineering team. The Utility will also be working with our City PR staff to create project signage and prepare informational press releases as well as begin a short video presentation to be available on the website and government channel, which will be periodically updated with project updates.

The Utility management and Mr. Fenwick also met with American Structurepoint to outline our path forward with regard to 2017 Sewer Capital projects, which will focus on I&I removal and structural repairs to the sanitary sewer system with our focus being the older parts of the City with the worst problems.

OPERATIONAL DATA: SANITARY SEWER SYSTEM

May Totals

- 19 – Sanitary sewer lift station work orders completed.
- 1 – Sanitary sewer grinder pump work orders completed.
- 16 – Sanitary sewer manhole repairs completed.
- 22,243 feet of sanitary sewer main cleaned.
- 151 feet of sanitary sewer main CCTV’d.

LOCATES/LEAK LOCATING/VALVE TURNING/HYDRANT MAINTENANCE/INSPECTIONS

May Totals

- 641 - Locates performed.
- 16 - Water valve box repairs performed.
- 16 - Fire hydrant repairs performed.
- 4 - Water main shut outs for repairs performed:

5040 Chip Shot Dr. (main break)
50th & Elmhurst (valve replacement)
5202 White Lane (valve replacement)
7418 E. 47th St (main break)

- 5 - Leak investigations performed:
12346 Croquet Way
7418 E. 47th St.
12125 Geist Cove Dr.
11028 Brave Ct.
10420 Hornton St.
- 7 - Plan reviews performed:
LC Upgrade
St. Vincent Medical building
Belzer Middle School Concession
Indian Creek Elementary
10010 Pendleton Pike
Sumac Water Main
Richardt Water Treatment Plant
- Inspections:
Otis Avenue Extension – Final inspection pending.
Lawrence Central Football Stadium Concession – Complete.
Greens @ Winding Ridge Section 5 – Sanitary sewer 90% complete, still waiting for final grade to vacuum test sanitary sewer manholes, also need to clean and CCTV sanitary sewer. Final inspection and punch list pending after roads are completed.
Arts to Remember – Final inspection and punch list pending.
Fresenius Medical Center – Have broken ground but no utility work has begun at this time.
Storage of America – construction has not begun at this time.
- Water main flushing of entire distribution grid was completed.

WATER DISTRIBUTION

May Totals

- 3 – Water main breaks: 5040 Chip Shot Lane, 7724/7738 Fall Creek Rd., 7441 47th St.
- 5 – water meter pit installations: Station 36 (Replace due to leak), 4759 Mitchner Ave., 7916 Cherrybark Ct.
12125 Geist Cove Dr., 11028 Brave Ct.
- 2 – Water service line repairs: 6701 Oaklandon Rd., 10420 Hornton St.
- 2 – Water valve replacements: 50th St. & Elmhurst, 5202 White Lane
- 1 – Concrete repair: 5202 White Lane
- 3 – Yard restorations performed: Station 36, 11028 Brave Ct., 7916 Cherrybark Ct.

WATER PLANT/WELL ACTIVITY (in addition to completing all daily water quality testing, routine plant maintenance, filter backwashing, recording and reporting performance data, housekeeping, and other routine tasks)

59th St WTP

- Cleaned bleach injector quills.
- Cleaned post bleach tank.

Indian Lake WTP

- Cleaned the bleach day tank.
- Cleaned the bleach injector quill.
- Replaced Mission circuit board due to possible lightening damage.
- Replaced resistors on the Mission circuit board.

- Replaced bleach transfer pump.
- Installed a diode on the Mission circuit board to eliminate wiring input faults.
- Installed new 3 phase wiring to bleach room for transfer pump.

Richardt WTP

- Cleaned bleach injector quill.
- Replaced East aerator motor.
- Installed an air relieve valve for the bleach line.

Oaklandon Tower

- Moved Mission control panel into a secured room at base of tower to better secure equipment.

BILLING ADJUSTMENTS:

10412 Indian Lk Blvd N Dr. customer is requesting an adjustment in the amount of \$476.30 for a leak that water did not enter the sewer. We recommend approval

4736 Travis Dr. customer is requesting an adjustment in the amount of \$330.19 due to a leak that the water did not enter the sewer. We recommend approval.

Customer Remonstrance – Water Bill

Ms. Brenda Reed may be attending the meeting to discuss her daughter Regina Reed's water bill, which is presently at \$1,047.80 due to a leak. In looking at the consumption history, it appears that the problem started in the Feb-March timeframe as her consumption went to 8,000 gallons, then the April billing was for 84,500 gallons and the May billing was for 29,268 gallons. In June, the billing consumption was back to normal at 3,750 gallons. This indicates that there was a leak after the meter that was fixed. The work order history indicates our service technician performed a meter profile action on 5/2/2017 and determined a 2.6 gallon per minute leak for the period 3/18 through 4/13. This amounts to 93,600 gallons. LU suspects a toilet leak and in conversation I believe the customer did indicate there was a problem with a toilet in the home. It was stated to me that the plumber who made the repair stated he did not believe the toilet could have ran that much water. Various data available on the internet show that toilets can leak anywhere from 2 to 5 gallons per minute, which can easily result in the amount of water that registered on Ms. Reed's meter.